

| Form PTO-1449<br>(REV. 7-80) U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |     |   | Atty. Docket No. (Optional)<br>02007 (16792) |         | Application Number<br>10/631,991 |          |                                 |
|---|-----|---|--|---------|----------------------------------|----------|---------------------------------|
| <b>INFORMATION DISCLOSURE CITATION</b>  |     |   | Applicant(s)<br>Xiaodong Wang                |         |                                  |          |                                 |
|   |     |   | Filing Date<br>July 31, 2003                 |         | Group Art Unit<br>2182           |          |                                 |
| <b>U.S. PATENT DOCUMENTS</b>  |     |   |  |         |                                  |          |                                 |
| EXAMINER INITIAL*   |     | DOCUMENT NUMBER   | DATE   | NAME    | CLASS                            | SUBCLASS | FILING DATE<br>(if appropriate) |
|   |     |   |  |         |                                  |          |                                 |
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| <b>FOREIGN PATENT DOCUMENTS</b>   |     |   |  |         |                                  |          |                                 |
|   | REF | DOCUMENT NUMBER   | DATE   | COUNTRY | CLASS                            | SUBCLASS | TRANSLATION                     |
|   |     |   |  |         |                                  |          | YES                             |
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|   |     |   |  |         |                                  |          |                                 |
| <b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)           |     |   |  |         |                                  |          |                                 |
| /TW/  |     | Bin Dong et al., "A New Class of Soft MIMO Demodulation Algorithms", <i>IEEE Transactions on Signal Processing</i> , November 2003, Vol. 51, No. 11, pages 2752-2763.               |  |         |                                  |          |                                 |
| /TW/  |     | Dong Guo et al., "Blind Detection in MIMO Systems via Sequential Monte Carlo", <i>IEEE Journal on Selected Areas In Communications</i> , April 2004, Vol. 21, No. 3, pages 464-473. |  |         |                                  |          |                                 |
| /TW/  |     | Xiaodong Wang et al., "Blind Turbo Equalization in Gaussian and Impulsive Noise", <i>IEEE Transactions on Vehicular Technology</i> , July 2001, Vol. 50, No. 4, pages 1092-1105.    |  |         |                                  |          |                                 |
| /TW/  |     | Search Report dated June 15, 2004 for GB0404318.8   |  |         |                                  |          |                                 |
| EXAMINER<br>/Ted Wang/  |     |   | DATE CONSIDERED                              |         | 10/26/2007                       |          |                                 |

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.